

S E C R E T

OSA-1560-71

10 February 1971

MEMORANDUM FOR:

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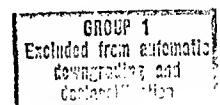
SUBJECT : Rough-Water Testing of Two Full-Pressure Flying Suits

1. Request use of your personnel and boat for testing of above suits as outlined in your Memorandum of 5 February 1971.

2. The suits have previously been tested for flotation in water with no problem encountered. As indicated in your Memorandum, one suit has inbuilt flotation in addition to its own floating capability by virtue of being a closed suit. A helmet is worn which has a rubber face plate. This completely seals off the anterior portion of the helmet, making the suit a closed system providing all other orifices are properly closed. Both suits have inbuilt thermal garments and have been tested in 35° water.

3. We believe that the operation, as agreed upon, particularly with the addition of two-suited UDT men, provides markedly improved safety over that which we could receive from the Coast Guard as originally contemplated.

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4. [redacted] who will wear the OSA S-1010 PPA, has previously performed the cold-water tests and para-sailed in the suit.

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[redacted] in the other suit, has likewise tested his suit in cold water in Newfoundland. The undersigned, a physician, will also be present.

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5. With your experienced boatsmen plus [redacted] who is an expert in teaching water survival, performing the operation, the details of which we have agreed upon, we feel this reduces any possible risks to a completely acceptable level.

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[redacted]  
Chief, Aero Medical Staff  
Office of Special Activities

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C/AMS/OSA [REDACTED] (10 Feb 71)  
Distribution

- 0+1 - Addee
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